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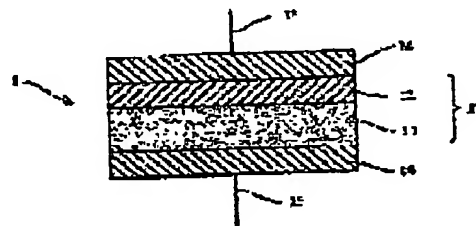
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## (54) HUMIDITY-SENSITIVE FILM AND HUMIDITY SENSOR ELEMENT

## (57)Abstract:

**PURPOSE:** To obtain a thin humidity sensitive film which is used for a moisture sensor element which can detect humidity at a wide temperature range, especially at a high temperature of 200°C or higher.

**CONSTITUTION:** The title film is a humidity sensitive film 13 which is formed by laminating a first thin-film layer 12 which mainly consists of at least one type of an oxide of alkali earth metal element and a second thin-film layer 11 which mainly consists of alkali earth metal element, alkali metal element, and a metal oxide other than precious metal elements and whose resistance of lamination film changes according to humidity at a high temperature of 200°C or higher constantly.



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